

1 IN THE CLAIMS:

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3 In the following, Claims 1-6 are amended herein.

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6 Please amend the claims as follows:

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9 Claim 1 (Amended). A flowline for producing hydrocarbons
10 from a subsea well that is comprised of a substantially
11 neutrally buoyant tubular composite umbilical means that
12 possesses electrical heating means within the tubular walls
13 of said tubular composite umbilical means to prevent waxes
14 and hydrates from forming within said flowline and blocking
15 said flowline, whereby said electrical heating means is
16 comprised of at least one electrical conductor disposed
17 within said tubular walls of said composite umbilical means
18 that conducts electrical current that is used to heat said
19 tubular composite umbilical means, ~~and~~ whereby said tubular
20 composite umbilical means that contains any produced
21 hydrocarbons is substantially neutrally buoyant in the sea
22 water adjacent to said subsea well, and whereby said
23 substantially neutrally buoyant tubular composite umbilical
24 means is anchored to the sea bottom in at least one location.

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27 Claim 2 (Amended). A method of using a flowline for
28 producing hydrocarbons from a subsea well that is comprised
29 of a substantially neutrally buoyant tubular composite
30 umbilical means that possesses electrical heating means
31 within the tubular walls of said tubular composite umbilical
32 means to prevent waxes and hydrates from forming within said
33 flowline and blocking said flowline, whereby said electrical

"RESPONSE TO OFFICE ACTION
MAILED 6/3/2005"
Serial No. 10/800,443
Rig-3

- 4 -

1 heating means is comprised of at least one electrical
2 conductor disposed within said tubular walls of said
3 composite umbilical means that conducts electrical current
4 that is used to heat said tubular composite umbilical means,
5 and whereby said tubular composite umbilical means that
6 contains any produced hydrocarbons is substantially neutrally
7 buoyant in the sea water adjacent to said subsea well , and
8 whereby said substantially neutrally buoyant tubular
9 composite umbilical means is anchored to the sea bottom in at
10 least one location.
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13 Claim 3 (Amended). A flowline for producing hydrocarbons
14 from a subsea well that is comprised of a substantially
15 neutrally buoyant tubular composite umbilical means, whereby
16 said tubular composite umbilical means that contains any
17 produced hydrocarbons is substantially neutrally buoyant in
18 the sea water adjacent to said subsea well , and whereby said
19 substantially neutrally buoyant tubular composite umbilical
20 means is anchored to the sea bottom in at least one location.
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23 Claim 4 (Amended). A flowline for producing hydrocarbons
24 from a subsea well that is comprised of a positively buoyant
25 tubular composite umbilical means that possesses electrical
26 heating means within the tubular walls of said tubular
27 composite umbilical means to prevent waxes and hydrates from
28 forming within said flowline and blocking said flowline,
29 whereby said electrical heating means is comprised of at
30 least one electrical conductor disposed within said tubular
31 walls of said composite umbilical means that conducts
32 electrical current that is used to heat said tubular
33 composite umbilical means, and whereby said tubular composite

"RESPONSE TO OFFICE ACTION
MAILED 6/3/2005"
Serial No. 10/800,443
Rig-3

1 umbilical means that contains any produced hydrocarbons is
2 positively buoyant in the sea water adjacent to said subsea
3 well , and whereby said positively buoyant tubular composite
4 umbilical means is anchored to the sea bottom in at least one
5 location.
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8 Claim 5 (Amended). A method of using a flowline for
9 producing hydrocarbons from a subsea well that is comprised
10 of a positively buoyant tubular composite umbilical means
11 that possesses electrical heating means within the tubular
12 walls of said tubular composite umbilical means to prevent
13 waxes and hydrates from forming within said flowline and
14 blocking said flowline, whereby said electrical heating means
15 is comprised of at least one electrical conductor disposed
16 within said tubular walls of said composite umbilical means
17 that conducts electrical current that is used to heat said
18 tubular composite umbilical means, and whereby said tubular
19 composite umbilical means that contains any produced
20 hydrocarbons is positively buoyant in the sea water adjacent
21 to said subsea well , and whereby said positively buoyant
22 tubular composite umbilical means is anchored to the sea
23 bottom in at least one location.
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26 Claim 6 (Amended). A flowline for producing hydrocarbons
27 from a subsea well that is comprised of a positively buoyant
28 tubular composite umbilical means, whereby said tubular
29 composite umbilical means that contains any produced
30 hydrocarbons is positively buoyant in the sea water adjacent
31 to said subsea well , and whereby said positively buoyant
32 tubular composite umbilical means is anchored to the sea
33 bottom in at least one location.

"RESPONSE TO OFFICE ACTION
MAILED 6/3/2005"
Serial No. 10/800,443
Rig-3

- 6 -